

**WHAT IS CLAIMED:**

Sub  
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1. A method of treating a distressed tree comprising:  
creating a mixture comprising a fertilizer and a growth  
hormone; and

5 applying the mixture to a root area of the distressed  
tree.

10 2. The method of Claim 1 wherein the growth hormone  
selected from the group consisting of naphthalene acetic  
acid, 3-indolebutyric acid, and derivatives thereof.

15 3. The method of Claim 1 wherein the distressed tree is a  
Post Oak.

20 4. The method of Claim 1 wherein the mixture comprises a  
mixture of powders.

25 5. The method of Claim 1 wherein the mixture comprises at  
least one liquid.

6. The method of Claim 1 wherein the fertilizer has a nitrogen content in the range of about 10 to about 25 percent by weight, a phosphorous content in the range of about 5 to about 20 percent by weight, and a potassium content in the range of about 5 to about 20 percent by weight.

7. The method of Claim 1 wherein the fertilizer comprises a liquid.

8. The method of Claim 1 wherein said step of creating a mixture further comprises the step of adding a fungicide.

9. The method of Claim 8 wherein said fungicide comprises the tetramethylthiuramdisulfide.

*Sub 12*  
10. A mixture for treating roots of a distressed tree comprising:

a fertilizer; and

a root growth hormone selected from the group  
5 consisting of naphthalene acetic acid, 3-indolebutyric acid,  
and derivatives thereof.

10 11. The mixture of Claim 10 wherein said root growth  
hormone comprises about 0.1% by weight of a powder.

15 12. The mixture of Claim 10 wherein said root growth  
hormone comprises about 0.1% by weight of a liquid.

20 13. The mixture of Claim 10 wherein a proportion of said  
root growth hormone is selected to provide an effective  
dosage of about .355 milligrams per application site.

25 14. The mixture of Claim 10 wherein said fertilizer  
comprises a powder having a nitrogen content in the range of  
about 10 to about 25 percent by weight, a phosphorous  
content in the range of about 5 to about 20 percent by  
weight, and a potassium content in the range of about 5 to  
about 20 percent by weight.



18. A method for treating a distressed tree comprising the steps of:

creating a hole in a root area of a tree; and


5 applying a mixture comprising a fertilizer and a root growth hormone in the hole created in the root area of the tree.

10 19. The method of Claim 18 and further comprising the step of forming the mixture comprising the substep:

selecting the root growth hormone from the group consisting of naphthalene acetic acid, 3-indolebutyric acid, and derivatives thereof.

15 20. The method of Claim 18 wherein said step of creating a hole comprises the step of creating the hole with water jet.

20 21. The method of Claim 18 and further comprising the steps of cyclically following said step or applying saturating the tree root area with water and drying the root area.

 22. A kit for treating a distressed tree comprising:  
a mixture comprising a fertilizer and a growth hormone;  
and  
a container for holding the mixture.

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23. The kit of Claim 22 wherein the growth hormone is  
selected from the group consisting of naphthalene acetic  
acid, 3-indolebutyric acid, and derivatives thereof.

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24. The kit of Claim 22 and further comprising instructions  
for applying the mixture to the distressed tree.

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25. The kit of Claim 22 and further comprising an implement  
for applying the mixture to the distressed tree.